

Op18 Polyclonal Antibody

Description

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|--------------------------------|---|
| Product type | Primary Antibody |
| Code | BT-AP06572 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | The antiserum was produced against synthesized peptide derived from human Stathmin 1. AA range:5-54 |
| Mol wt | 17303 |
| Species reactivity | Human, Mouse, Rat, Monkey |
| Clonality | Polyclonal |
| Recommended application | WB, IHC-p, IF, ELISA |
| Concentration | 1 mg/ml |
| Full name | Op18 Antibody |
| Synonyms | STMN1; C1orf215; LAP18; OP18; Stathmin; Leukemia-associated phosphoprotein p18; Metablastin; Oncoprotein 18; Op18; Phosphoprotein p19; pp19; Prosolin; Protein Pr22; pp17 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

STMN1 belongs to the stathmin family of genes. It encodes a ubiquitous cytosolic phosphoprotein proposed to function as an intracellular relay integrating regulatory signals of the cellular environment. Stathmin 1 is involved in the regulation of the microtubule filament system by destabilizing microtubules. It prevents assembly and promotes disassembly of microtubules. Multiple transcript variants encoding different isoforms have been found for STMN1.

Recommended Dilution

WB: 1: 500 - 1: 2000

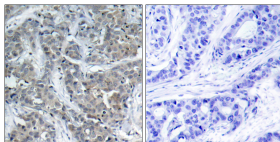
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

ELISA: 1: 20000

Not yet tested in other applications.

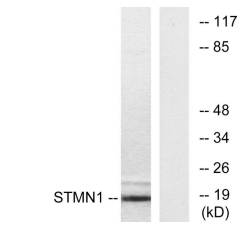
Images



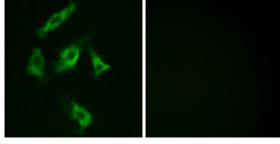
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Stathmin 1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Op18 Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from COS7 cells, using Stathmin 1 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of COS7 cells, using Stathmin 1 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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